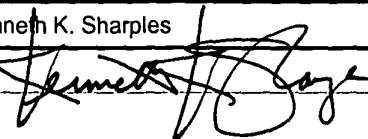


06/24/2003

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.: S-100,654 First Inventor or Application Identifier: Arlene A. Wise Title: DETECTION OF PHENOLS USING ENGINEERED BACTERIA Express Mail Label No.: EJ425247045US	
APPLICATION ELEMENTS		ADDRESS TO: Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) <i>(submit an original and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [Total Pages: 30] <input checked="" type="checkbox"/> Descriptive title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input checked="" type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure  4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C. 113) [Total Sheets: 7] <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal  5. <input type="checkbox"/> Declaration & Power of Attorney [Total Pages: ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 63(d) <i>(for continuation/divisional with Box 16 completed)</i> c. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).		6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies  <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>ACCOMPANYING APPLICATION PARTS</b></div> 8. <input type="checkbox"/> Assignment Papers (cover sheet & documentation) 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney 10. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 11. <input checked="" type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i> 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i) 15. <input checked="" type="checkbox"/> Other: Transmittal, Letter Pursuant to 37CFR 1.821(e)	
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. 09/520,538.  Prior application information: Examiner: David J. Steadman Group/Art Unit: 1652  <small>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small>			
<b>16. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number OR <input type="checkbox"/> Correspondence Address Below  <div style="text-align: center; font-size: 1.2em; font-weight: bold;">35068</div> <div style="text-align: center; font-size: 0.8em;">(Insert Customer No. or Attach Bar Code Label here)</div>			
Name: Kenneth K. Sharples Address: Los Alamos National Laboratory, LC/IP, MS A187 City: Los Alamos State: New Mexico Zip Code: 87545 Country: United States Telephone: (505) 667-0304 Fax: (505) 665-4424			
Name: Kenneth K. Sharples		Registration No.: 35,355	
Signature: 		Date: September 18, 2003	

 17497 U.S. PTO  
 10/665455  
 09/18/03

# FEE TRANSMITTAL

## For FY 2003

*Patent fees are subject to annual revision  
(submit an original and a duplicate for fee processing)*

### Complete if Known

Application Number:	
Filing Date:	September 18, 2003
First Named Inventor:	Arlene A. Wise
Examiner Name:	
Group/Art Unit:	
Attorney Docket No.:	S-100,654

### METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number: **12-2150**  
 Deposit Account Name: Los Alamos National Laboratory  
☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$750	\$375	Utility filing fee	
\$750	\$375	Reissue filing fee	
\$160	\$80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>\$375.00</b>

#### 2. EXTRA CLAIM FEES

Total Claims	17-20** =	Extra Claims X	Fee from Fee Paid Below
Independent Claims	9-3 ** =	6 X 42	= 252.00
Multiple Dependent Claims			= .00

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$84	\$42	Independent claims in excess of 3
\$280	\$140	Multiple dependent claim, if not paid.
\$84	\$42	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$252.00**

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge – late filing fee or oath	
\$50	\$25	Surcharge – late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$410	\$205	Extension for reply within second month	
\$930	\$465	Extension for reply within third month	
\$1,450	\$725	Extension for reply within fourth month	
\$1,970	\$985	Extension for reply within fifth month	
\$320	\$160	Notice of Appeal	
\$320	\$160	Filing a brief in support of an appeal	
\$280	\$140	Request for oral hearing	
\$110	\$55	Petition to revive – unavoidable	
\$110	\$55	Terminal Disclaimer	
\$1,300	\$650	Petition to revive – unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$180	\$180	Submission of Information Disclosure Statement	
\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))	
\$100	\$100	Certificate of Correction	
\$300	\$300	Publication fee for early, voluntary, or normal publication	
\$750	\$375	Request for Continued Examination (RCE)	
Other fee (specify) _____			

**SUBTOTAL (3) \$**

Reduced by Basic Filing Fee Paid

<b>SUBTOTAL FROM 1</b>	<b>\$375.00</b>
<b>SUBTOTAL FROM 2</b>	<b>\$252.00</b>
<b>SUBTOTAL FROM 3</b>	<b>\$ .00</b>

**TOTAL AMOUNT OF PAYMENT \$627.00**

### SUBMITTED BY

### Complete (if applicable)

Printed Name: Ray G. Wilson

Reg. No. 28,351

Signature: 

Date: 09/18/03

Telephone (505) 665-3112